

ATGTGCTTACCAAGAGTTGGCTCCTGGCTTGATGTCAGTGCTACTCCACCTC
M C C T K S L L A A L M S V L L L H L

TGGCGGAATCAGAAGCAGCAAGCAACTTTGACTGCTGTCTGGATAACAGACCGTATT
C G E S E A A S N F D C C L G Y T D R I
↓

CttCATCCTAAATTATTGTGGCTTCACACGGCAGCTGGCCAATGAAGGCTGTGACATC
L H P K F I V G F T R Q L A N E G C D I
170

AATGCTATCATCTTTCACACAAGAAAAAGTTGTCTGTGCCAAATCCAACAGACT
N A I I F H T K K L S V C A N P K Q T

TGGGTGAATATATTGTGCCTCAGTAAAAGTCAAGAACATGTAA
W V K Y I V R L L S K V K N M *

FIG. 1

ATGAAAGTTCTGCAGTCCGGCTTCTGCTGCTCATGACAGCAGCTTCAACCCCCAG
 M K V S A V L L C L L M T A A F N P Q
 ↑ **▲** (pyroQ)

GGACTTGCAGATGCCACTCACCTAACGTTGCTTACATTAGCAGT
 G L A Q P D A L N V P S T C C F T F S S
 ↑ **▲** (pyroQ)

AAGAGATCTCCCTGCAGGGCTGAAGAGCTATGTGATCACCAACCAGCAGGTGTCCCCAG
 K K I S L Q R L K S Y V I T S R C P Q

AAGGCTGTCATCTCAGAACCAACTGGCAAGGAGATCTGTGCTGACCCAAAGGAGAAG
 K A V I F R T K L G K E I C A D P K E K

TGGGTCCAGAATTATGAAACACCTGGCCGGAAAGCTCACCCCTGAAGACTTGA
 W V Q N Y M K H L G R K A H T L K T *
 ↑

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FIG. 2

25	EAASNFDCCILGYTDRIHPKFIIVGFTTRQLANGCDINATIFHTKKLSSVC	74
1	HPGIPPSACCFRVTNICKISFQALKSYKIIITSSKCPQTAVFEIKPDKMIC	50

75	ANPKQTWVKYIVRLLSKKKVK	94
51	ADPRXXXWVQDAKKYLDQIQISQ	70

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FIG. 4

MMCP-4 POLYPEPTIDES

CDNA	MKVSAVLLCL LLMTAAFNPQ GLAQPDALNV PSTCCFTFSS KKISLQRLKS YVITTSRCPQ KAVIFRTKLG KEICADPKEK WvQNYMKHLG RKAHTLKT
Bac 1FNPQ GLAQPDALNV PSTCCFTFSS KKISLQRLKS YVITTSRCPQ KAVIFRTKLG KEICADPKEK WvQNYMKHLG RKAHTLKT
Bac 2LAQPDALNV PSTCCFTFSS KKISLQRLKS YVITTSRCPQ KAVIFRTKLG KEICADPKEK WvQNYMKHLG RKAHTLKT
Bac 3*QPDALNV PSTCCFTFSS KKISLQRLKS YVITTSRCPQ KAVIFRTKLG KEICADPKEK WvQNYMKHLG RKAHTLKT
Drol*Q GLAQPDALNV PSTCCFTFSS KKISLQRLKS YVITTSRCPQ KAVIFRTKLG KEICADPKEK WvQNYMKHLG RKAHTLKT
Dro2GLAQPDALNV PSTCCFTFSS KKISLQRLKS YVITTSRCPQ KAVIFRTKLG KEICADPKEK WvQNYMKHLG RKAHTLKT
Dro3+INV PSTCCFTFSS KKISLQRLKS YVITTSRCPO KAVIFRTKLG KEICADPKEK WvQNYMKHLG RKAHTLKT

* ITALICS HETEROGENEOUS CARBOXYL TERMINI

HOMOLOGY COMPARISONS

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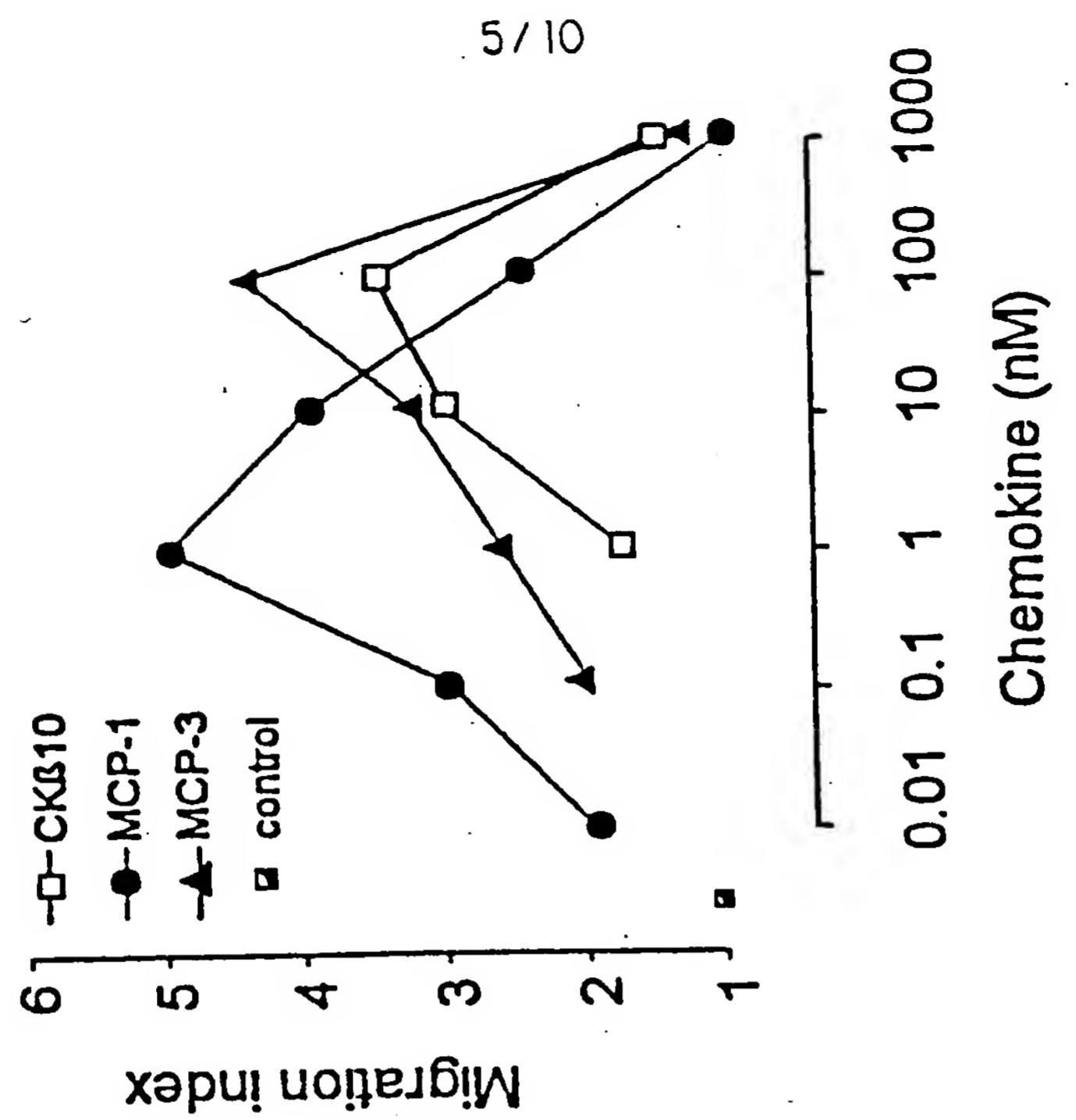


FIG. 6B

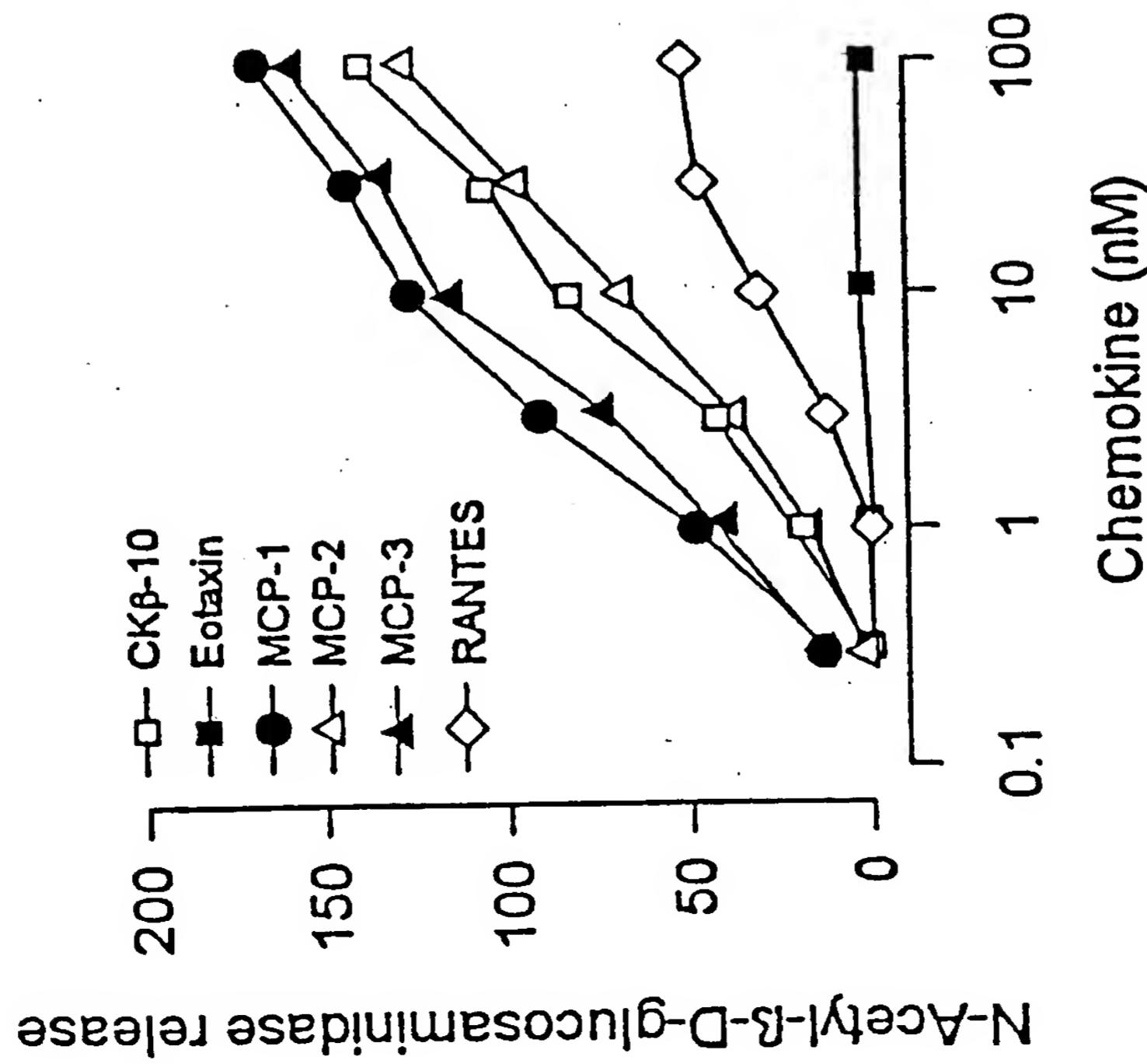
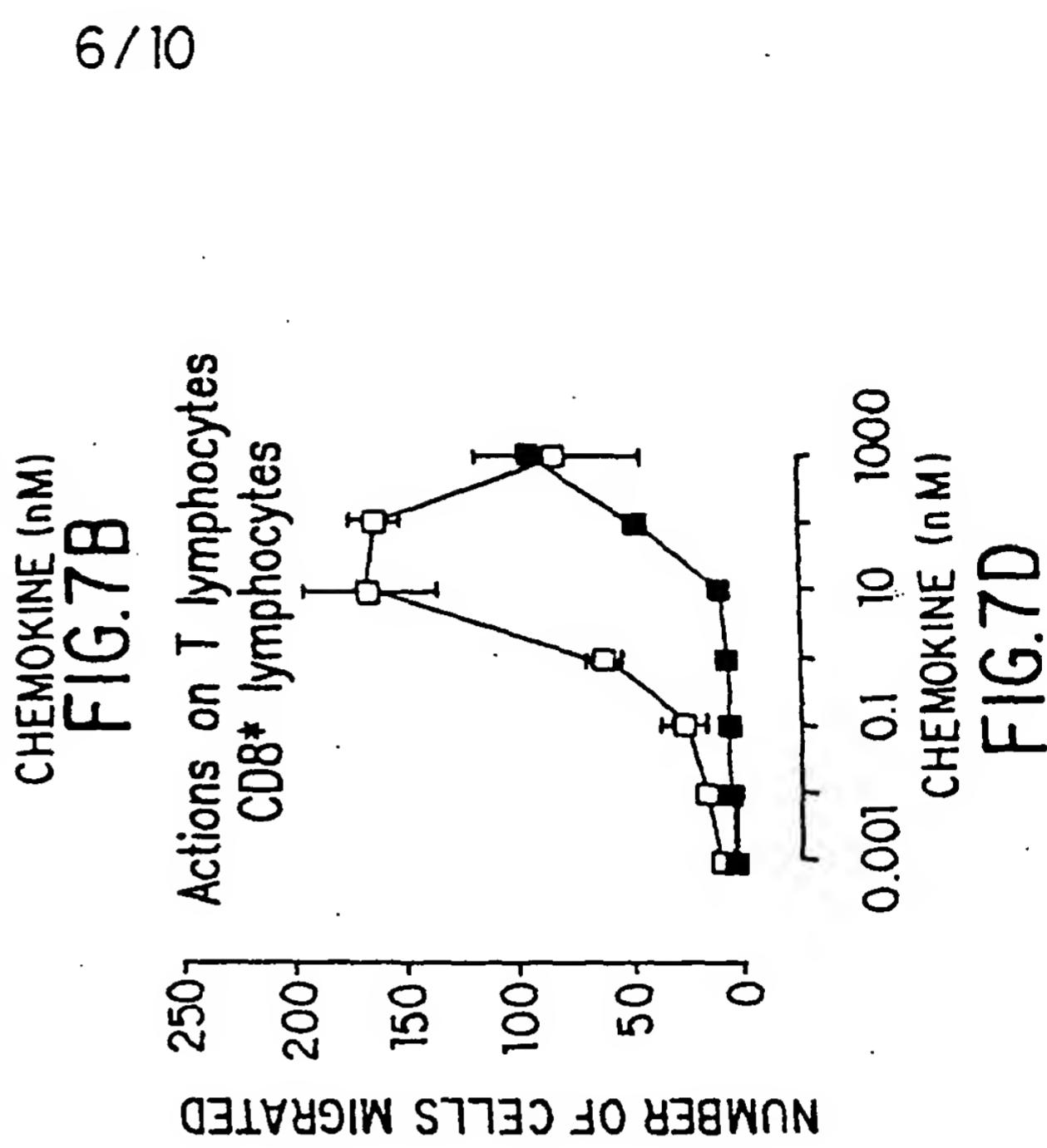
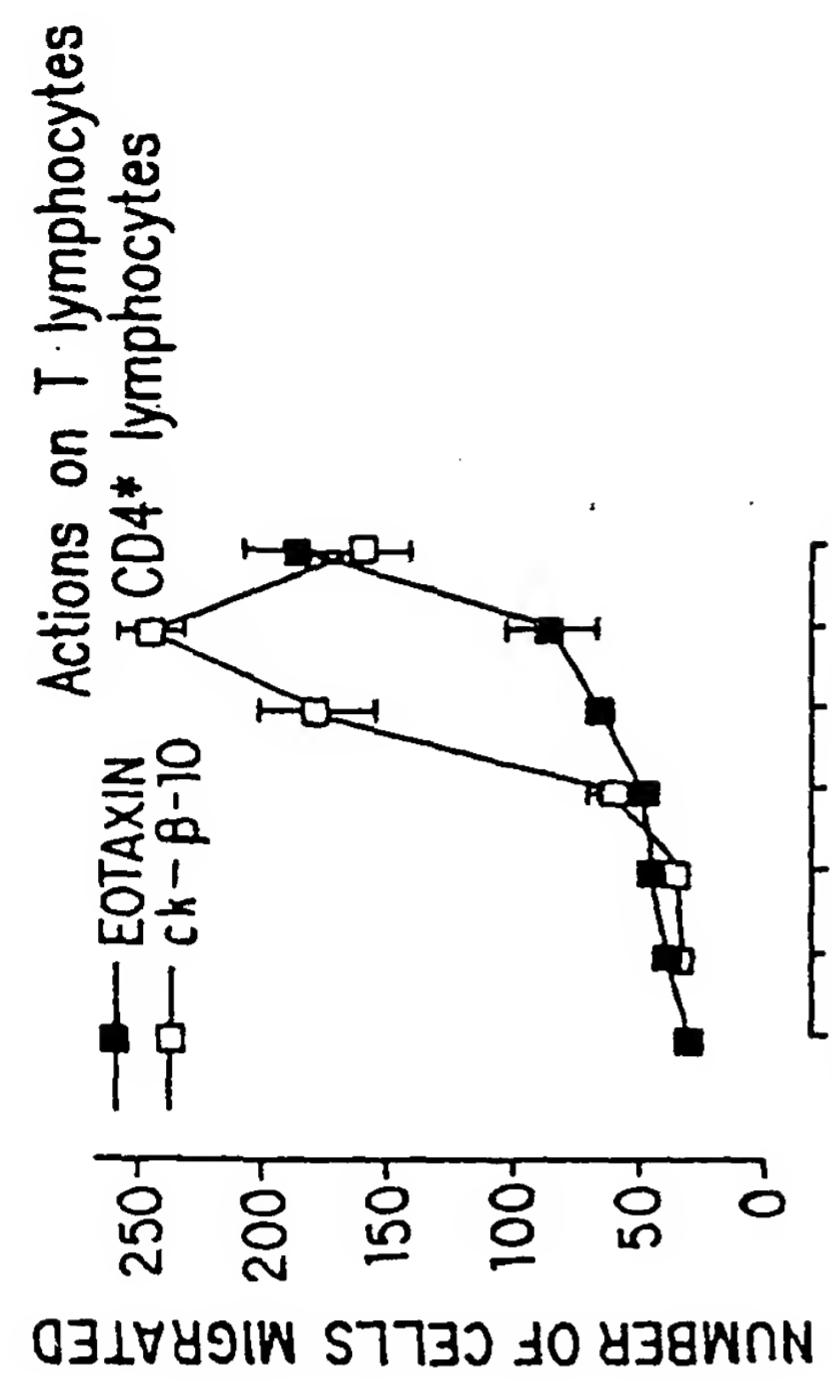
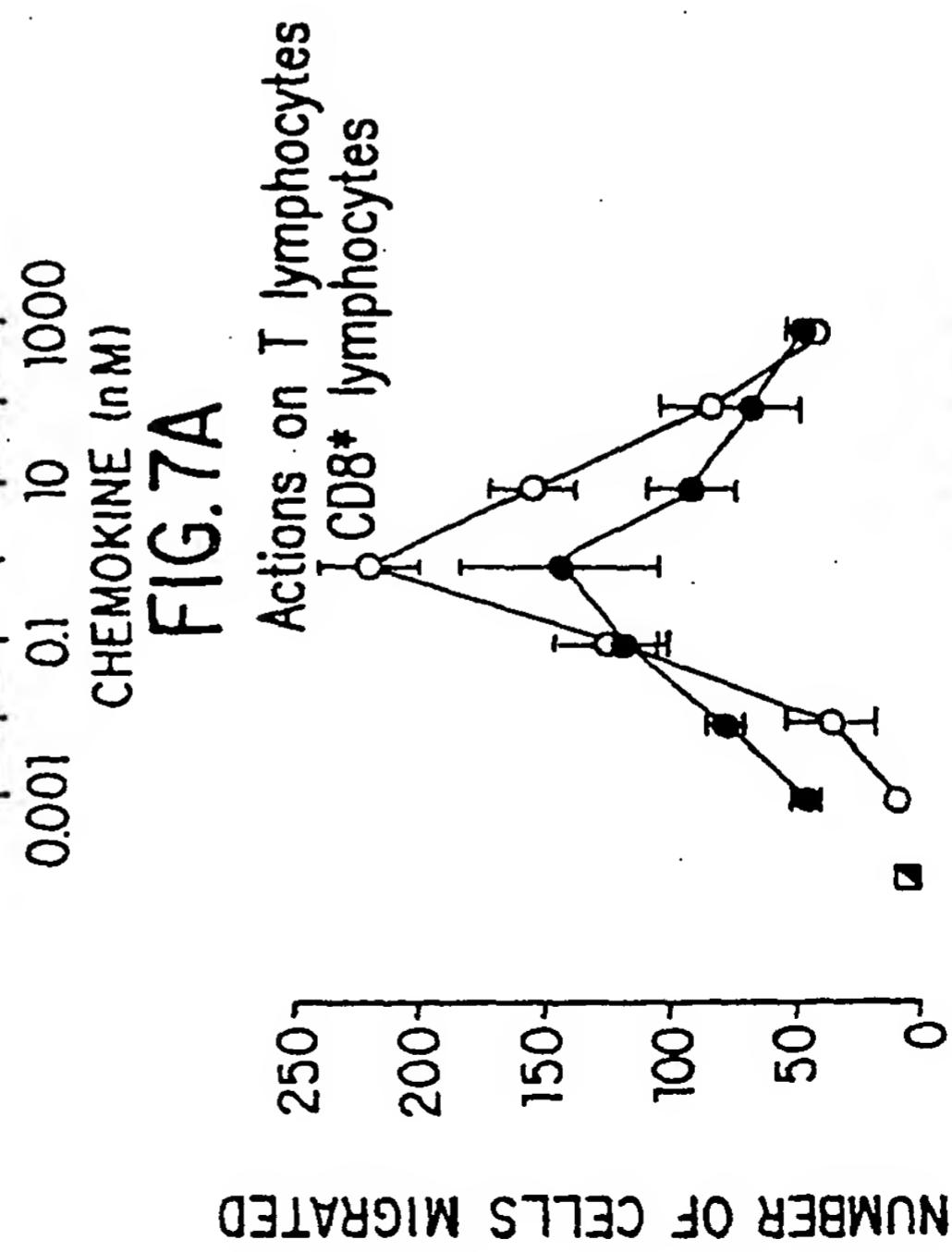
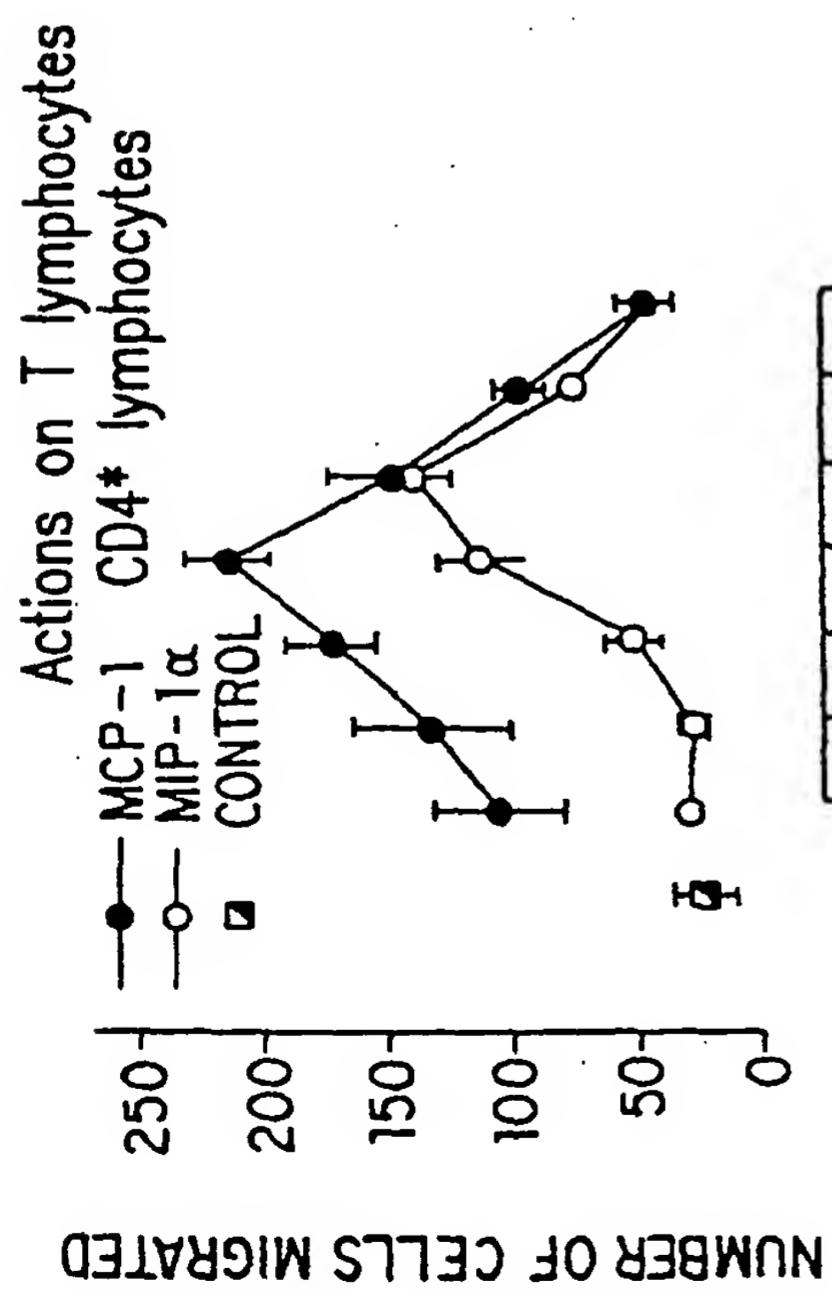


FIG. 6A



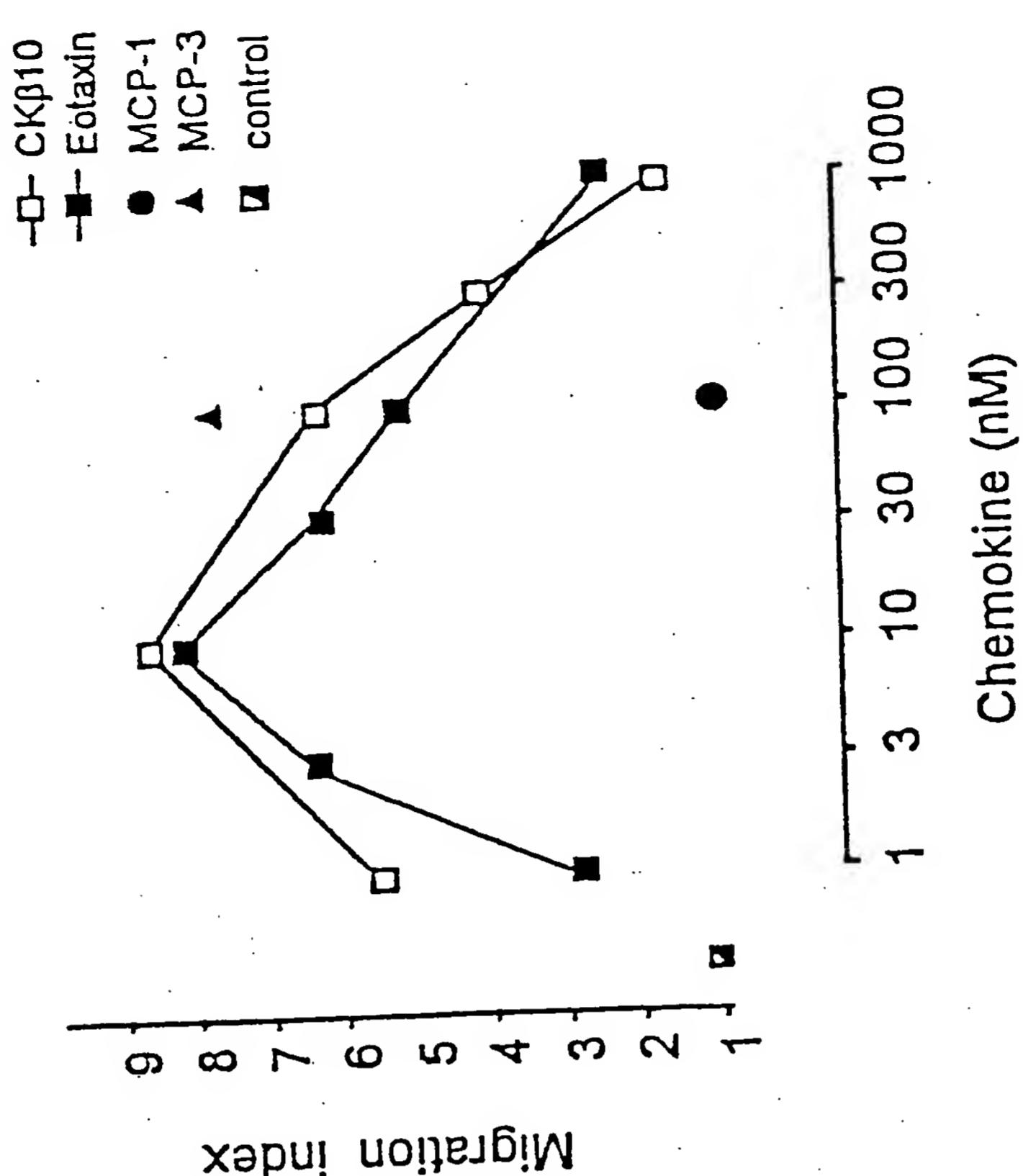


FIG. 8B

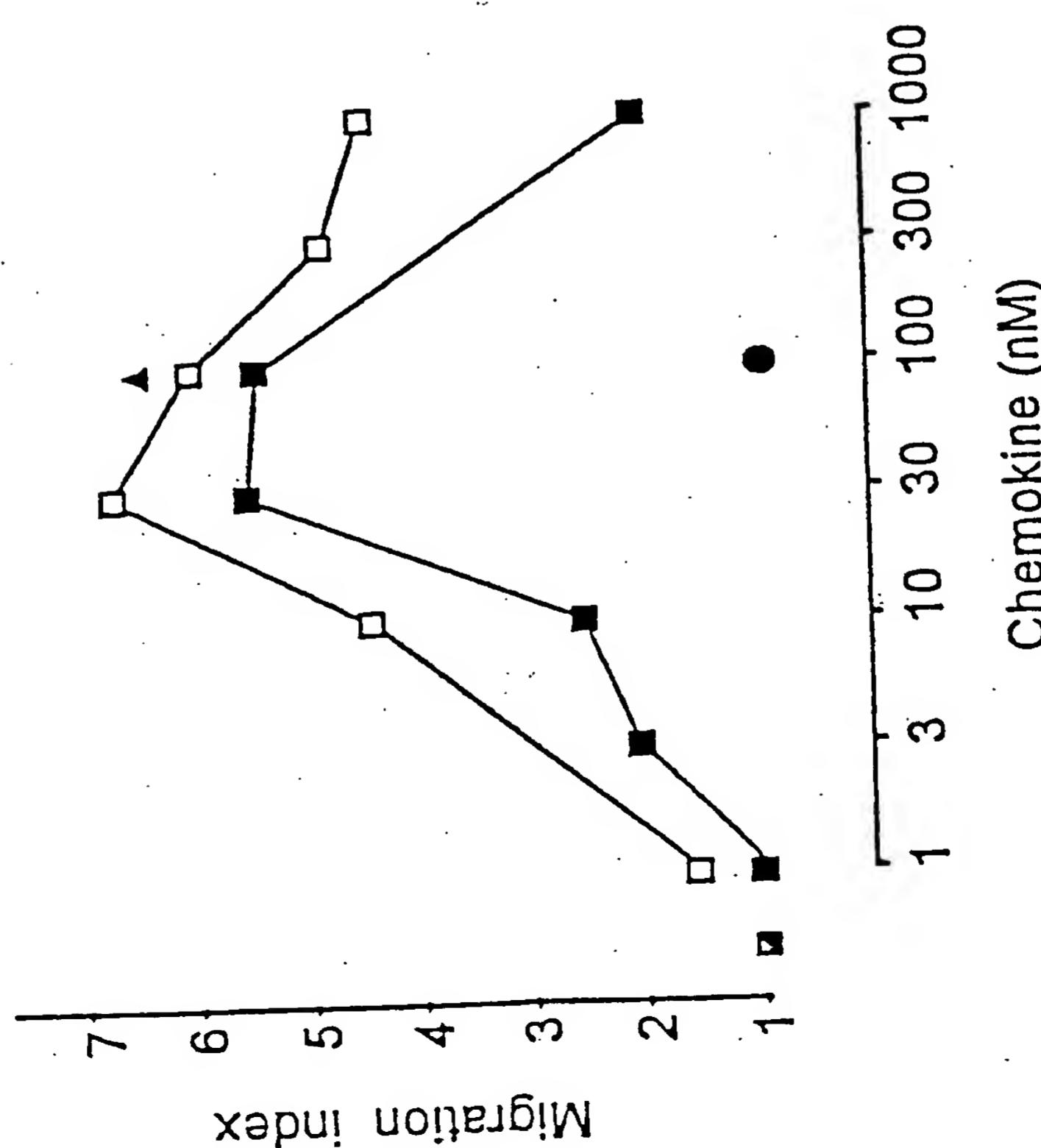


FIG. 8A

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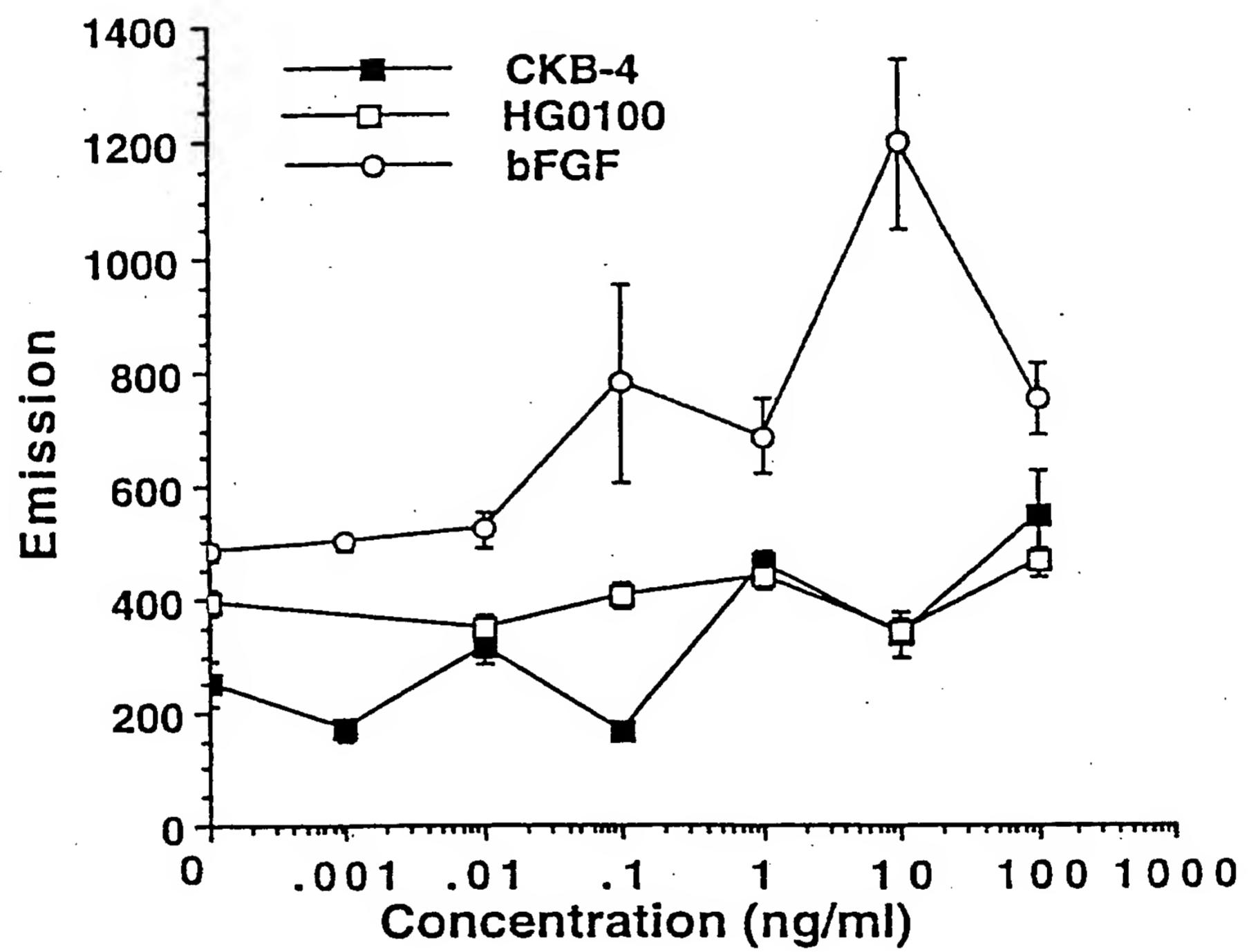


FIG. 9

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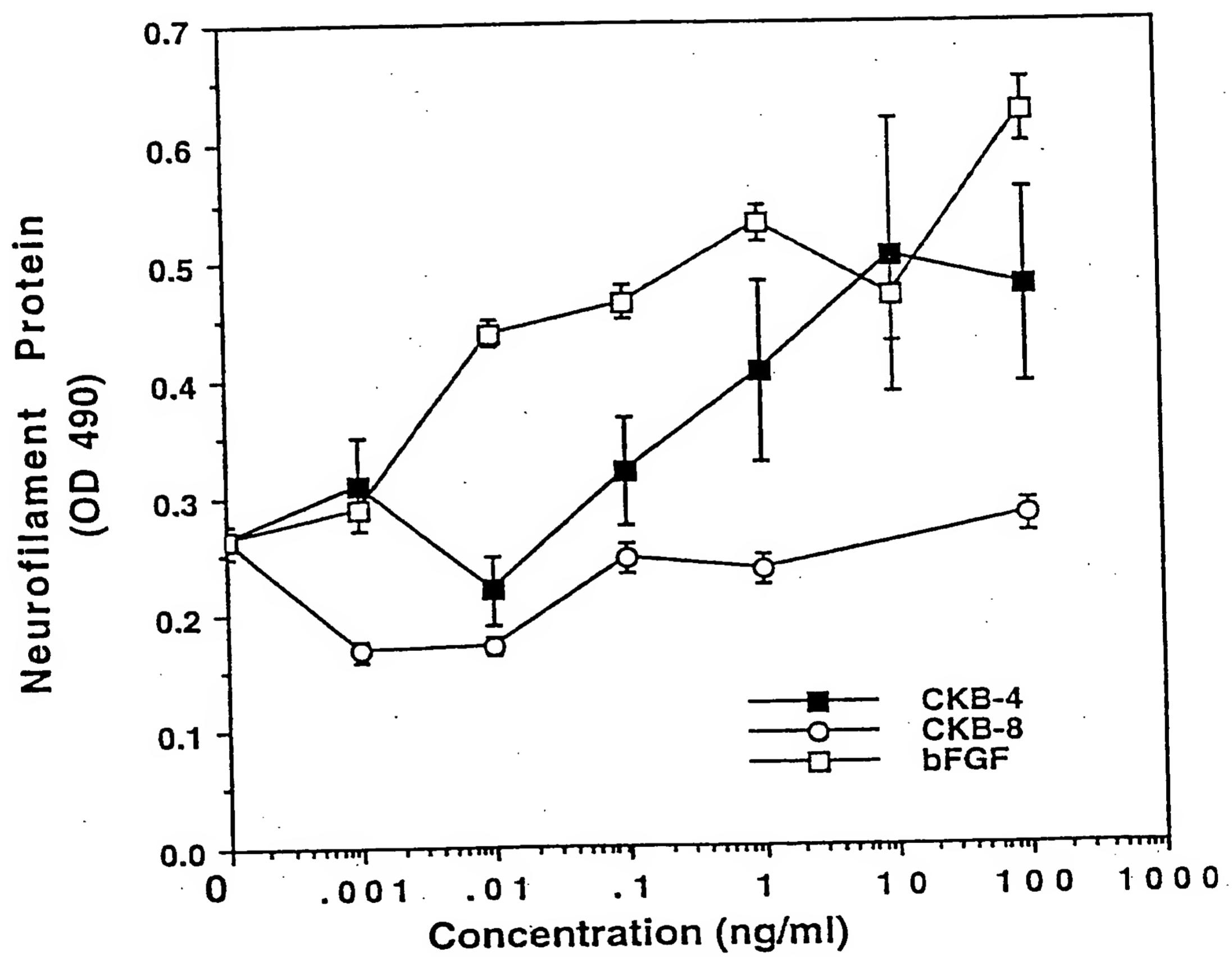


FIG. 10

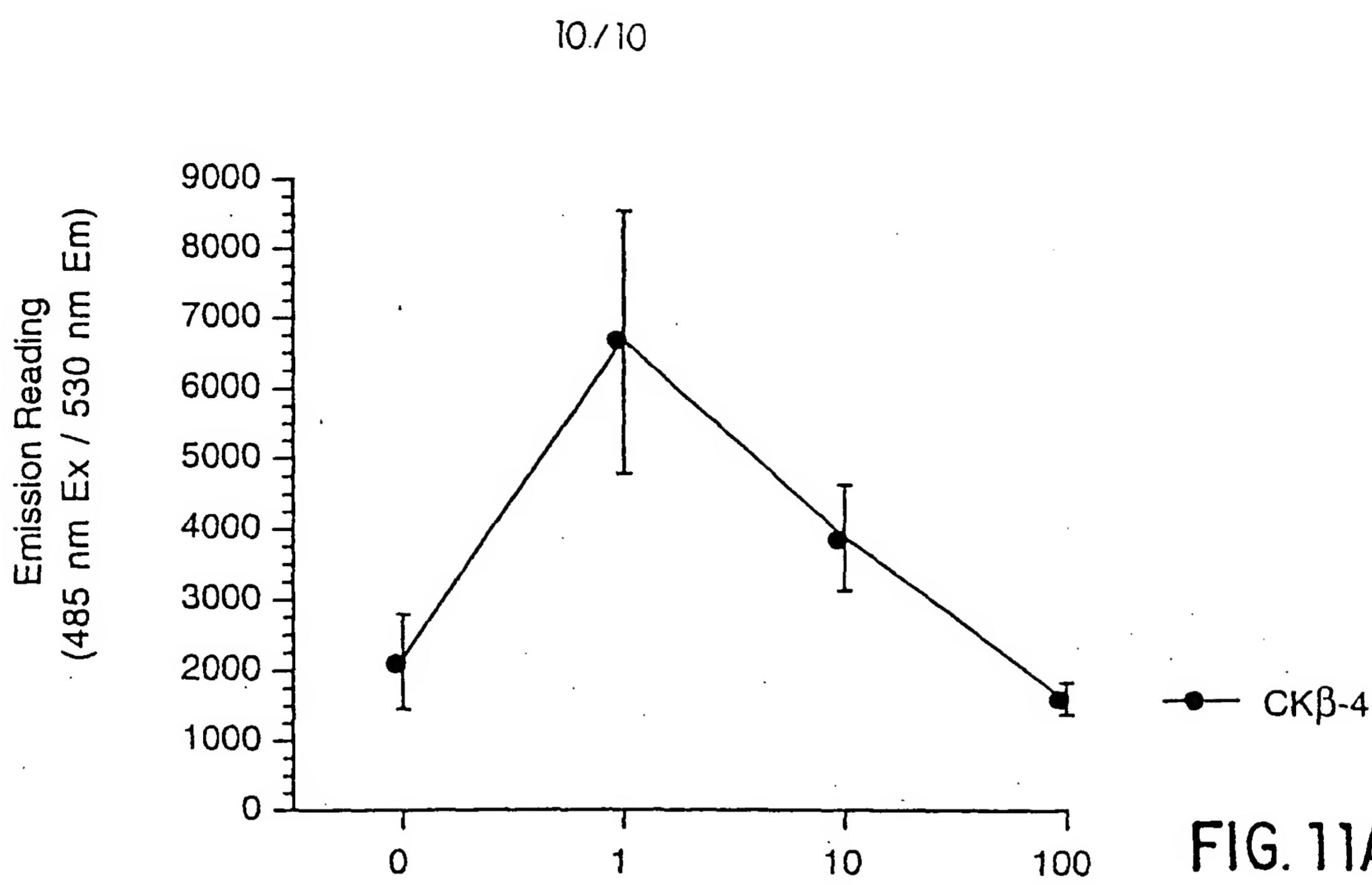


FIG. 11A

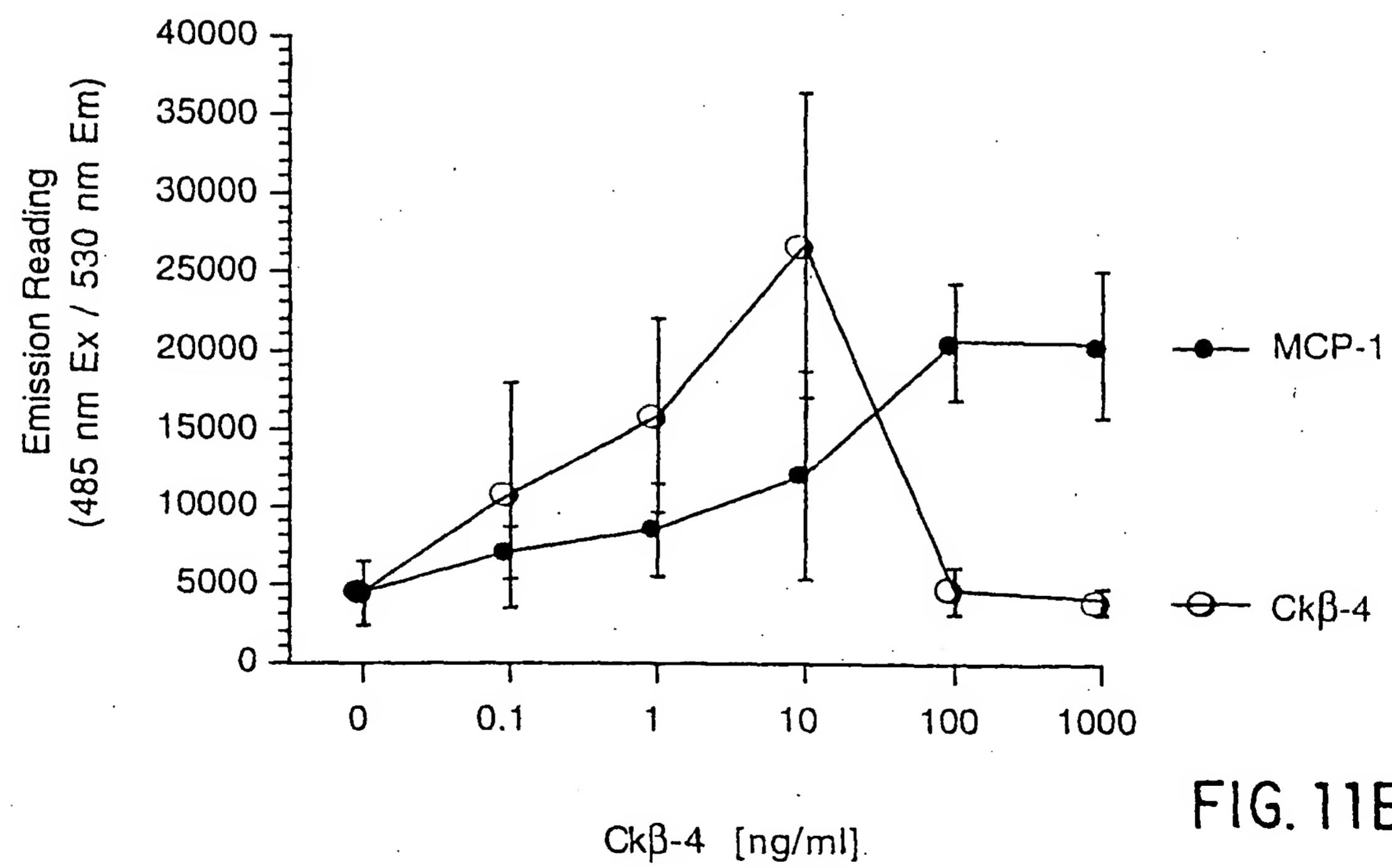


FIG. 11B